

**II Connective Tissues:** Protects and supports the body and its organs. Binds organs together, stores energy reserves. Connective tissue can be classified as:

- I Embryonic Connective Tissue \*
  - A. mesenchyme \*
  - B. mucous connective tissue \*
- II Adult Connective Tissue
  - A. Connective Tissue Proper
    - 1. Loose Connective Tissues
      - a. areolar tissue
      - b. adipose tissue
      - c. reticular tissue\*
    - 2. Dense Connective Tissues (collagenous tissues)
      - a. dense regular CT
      - b. dense irregular CT
      - c. elastic tissue\*
  - B. Fluid Connective Tissue
    - a. blood
    - b. lymph\*
  - C. Supporting Connective Tissue
    - 1. cartilage
      - a. hyaline cartilage
      - b. fibrocartilage \*
      - c. elastic cartilage\*
    - 2. bone (osseous tissue)

\* means you **do not** have to look at or identify this tissue in the lab, but you should know it for lecture.

### AREOLAR TISSUE

Identify: elastic fibers (thin), collagen fibers (thick)

List the eight types of cells potentially present in areolar tissue. And a function for each.

Drawing

Locations:

Function: